

Good morning and thank you very much for making an inclusive approach to our future.

SUGGESTION 1. Fostering innovation

TWEFDA Ltd (<https://www.twefda.com>), my company, is developing an Energy Device with dual functionalities, addressing the 2 biggest challenges the Energy Market is facing right now with one single device:

- Energy Storage: A physics assessment encountered that the device is capable of storing the energy that 3,200 UK households will require for 1 hour.
- Renewable Energy Production: A Technical Feasibility Study carried out by The University of Aberdeen revealed that the device (acting as a Wave Energy Converter in the form of a Point Absorber) can deliver power in the region of 65-80 MW in The North Sea.

To put this figure power into context, the Haliade-X by General Electric will be the largest ever built wind-turbine and can harness 12 MW at its maximum rate.

The technology is required in the entire world, can be working 24/7, is extremely respectful with the environment, is extremely profitable, and has the clear potential to revolutionise the whole energy sector.

I would like a piece of help to make this reality as soon as we possibly can.

SUGGESTION 2. The aviation industry

This is with regard to the aviation industry.

I think hydrogen could open huge opportunities in the aviation industry. This is because it is a gas (the weight in the aircraft is important) and has a considerable energy density. This, together with new materials (graphene or nanotubes of carbon) can enhance significantly the industry towards a much greener and sustainable future.

Some examples of this potential will be discussed, for instance in the following links:

<http://aeronauticonline.com/a-new-opportunity-for-hydrogen-is-aviation/>

<https://www.eventbrite.com/e/first-international-hydrogen-aviation-conference-ihac-2020-tickets-93685133757>

The suggestion is to impose an Environmental Tax on all the passengers who use flights to travel. This tax will be paid by the Aviation Industry.

Obviously, the Aviation Industry will charge the tax directly to the passengers who use the service but the tax can be avoided if the aircraft doesn't pollute the environment which means that the companies in the Aviation Industry will try to avoid that tax in order to be competitive.

I also suggest the tax being used to foster innovation in that industry. Basically the tax is very circular and really covers the transition toward a more sustainable future.

SUGGESTION 3. Recyclability of aluminium cans

In spite of the fact that this suggestion is made specifically for aluminium cans, the idea could be widened for other potentially recyclable items, such as bottles or similar.

Comment 3.1. Why are not aluminium cans systematically recycled?

The main problem comes when comparing the price of 1 Kg of aluminium sourced in a mine and 1 Kg of aluminium obtained by recycling cans.

Basically recycling has to be profitable and in order to do that, all is needed is assessing how much should the tax be for any sold item in order to ensure that there will be a clear interest toward recycling the item. This is basically a deposit scheme but in order to make the policy successful, there has to be a company behind the collection of recyclable items and infrastructure in order to easily collect the items.

That company should negotiate with the Government how much the deposit scheme needs to be in order to make a case. This will end up fixing a price for every packaging, bottle or generically potentially recyclable item.

Comment 3.2. Current situation

The current situation is that there are aluminium cans lying everywhere on our streets simply because it is not a business to recycle them. Let's get this sorted:

The cans need to be collected. People - especially children - could get a deposit scheme say of 5 pence-price per aluminium can they take to a recycling point and there will not be any more cans on the streets.

In the recycling point, a can-flattener installed nearby could give people the chance to reduce the can to its minimum expression, as to reduce the transport costs.

The appointed company will regularly collect the recyclables and all the Government needs to do is to make sure the recyclables are conveniently processed.

I hope this helps.

Best regards,

Javier Dominguez